

Additional file

Additional file. Background characteristics of the ABIS study cohort according to presence of future coeliac disease (CD).

| | <i>Diagnosed after 1 year</i> | | | <i>Diagnosed after 2.5 years</i> | | |
|--|-----------------------------------|---------------------|----------|--------------------------------------|----------------------|----------|
| | Reference | CD | | Reference | CD | |
| Background variables assessed at birth | <i>n</i> =10,742-11,029 § | <i>n</i> =70-73*(%) | <i>p</i> | <i>n</i> = 8,441-8,779 § | <i>n</i> =41-43* (%) | <i>p</i> |
| Female sex; <i>n</i> (%) | 5264 (47.8) | 53 (72.6) | | 4196 (48.0) | 32 (74.4) | |
| Male sex; <i>n</i> (%) | 5739 (52.2) | 20 (27.4) | <0.001 | 4538 (52.0) | 11 (25.6) | 0.001 |
| Age in months at the follow-up; mean (SD) | 12.01 (1.17) | 12.49 (1.68) | 0.047 | 33.09 (3.590) | 32.44 (5.100) | 0.533 |
| <i>Heredity</i> | | | | | | |
| First-degree relative with CD; <i>n</i> (%) | 149 (1.4%) | 4 (5.7%) | 0.016 | 126 (1.4) | 0 (0) | NA # |
| First-degree relative with type 1 diabetes; <i>n</i> (%) | 266 (2.4%) | 9 (12.9%) | <0.001 | 207 (2.4) | 6 (14.3) | <0.001 |
| <i>Demographics</i> | | | | | | |
| Maternal education >12 years; <i>n</i> (%) | 3566 (33.2) | 27 (39.1) | 0.297 | 2904 (34.1) | 17 (41.5) | 0.320 |
| Maternal age; mean (SD) | 29.78 (4.542) | 28.99 (4.185) | 0.138 | 29.85(4.498) | 29.12 (4.049) | 0.245 |
| Maternal age, ≥30 years; <i>n</i> (%) | 5533 (50.3) | 31 (42.5) | 0.180 | 4383 (50.5) | 20 (46.5) | 0.606 |
| Maternal origin, born outside Sweden; <i>n</i> (%) | 671 (5.7) | 1 (1.4) | 0.188 | 457 (5.4) | 0(0) | 0.170 |

§ Due to internal attrition (not all participants completed the questionnaires at 1 year and at 2.5 years) the numbers of reference individuals vary between the different analyses.

* The following data were obtained from the birth questionnaire: sex of the infant, heredity for CD, type 1 diabetes, and maternal origin. Parents to 70 children diagnosed with CD after 1 year of age responded to the birth questionnaire; and parents to 42 children diagnosed after age 2.5 years. In one child with CD, the parents failed to complete the question on maternal educational (giving data available in 69 and 41 children with a future CD diagnosis for that variable).

NA: Not applicable (statistical analysis was not possible to calculate).